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A SYSTEM AND METHOD FOR PROVIDING  
A GUIDED TOUR OF A WEB SITE

5 CROSS-REFERENCE TO RELATED APPLICATION(S)

This application claims priority of provisional application number 60/203,226, filed on May 5, 2000, entitled "GUIDED TOUR OF A WEB SITE", the entire contents of which are hereby incorporated herein by reference.

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BACKGROUND OF THE INVENTION

The present invention is directed to a system and method for presenting guided tours, and more particularly, to presenting guided tours of web sites over the Internet.

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A primary way that a business or person can show another person a web site remotely is to send that person a link to the web site. However, once a recipient of the link follows the link to a web site with their Internet browser, the recipient of the link finds themselves without further direction. The recipient may be confused by the number of links on the web page. The recipient may navigate to a portion of a web site different from the portion that the sender of the link wanted the recipient to see. With slower connections, a user may waste a significant amount of time downloading text and images that they do not need trying to get to the information that the sender was trying to provide for them by sending them the link.

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SUMMARY OF THE INVENTION

The present invention is for a method for electronically providing a guided tour of a plurality of web pages. Information about web pages selected by a guided tour builder is stored in a database. The order that the guided tour builder wants the web pages displayed in is also stored in the database. When a request for web page information is received from a guided tour viewer, information about the web pages in the guided tour is to

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1 the viewer in the order specified by the guided tour builder.  
The viewer is then able to view the web pages in the display  
order selected by the guided tour builder.

5 The guided tour builder is prompted to select web pages for  
a guided tour. Selected web pages are received from the guided  
tour builder. The guided tour builder is prompted to arrange the  
selected web pages into an order for presentation in a guided  
tour. A guided tour order is received from the guided tour  
10 builder.

In an additional embodiment of the present invention, the  
guided tour builder is prompted to select a time lapse in between  
the sending of each of the plurality of web pages to the second  
user. The time lapse functions to display a particular web page  
15 in the guided tour for a pre-specified period of time. A time  
lapse is received from the guided tour builder. The time lapse  
specified by the user is stored in the guided tour database. In  
an additional embodiment, the guided tour builder is prompted to  
select a different time lapse for each page in the guided tour,  
20 and the time lapse received for each web page is stored in the  
database corresponding to the web page. When the guided tour is  
sent to a viewer, each time information about a web page is sent  
to a the viewer a timer is reset. The timer tolls the time lapse  
before displaying each of the plurality of web pages to the  
25 second user. In an embodiment, later pages in the guided tour  
are loaded and cached while the timer is tolling the time lapse  
on the earlier pages in the guided tour.

In an additional embodiment, the guided tour builder is  
prompted to add an annotation onto each of the web pages. The  
30 annotation may be text, graphics, sound, and video. As an  
annotation is received from the guided tour builder, the  
annotation is stored in the database correlating to the web page  
or web pages for which the annotation was created. When a viewer  
requests information about an annotated web page, the viewer is  
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1 sent information about the annotation along with the information about the corresponding web page to the annotation.

5 In another embodiment, the guided tour viewer is prompted to receive information about a web page earlier in the guided tour order than the web page that was most recently sent. If a request to receive information about a web page earlier in the order to the web page last sent is received, then information about a web page earlier in the order to the web pages last sent is sent to the viewer. Likewise, a guided tour viewer is prompted to receive information about a web page later in the order to the web pages last sent. If a request to receive information about a web page later in the order to the web pages last sent is received, then information about a web page later in the order to the one of the web page last sent is sent to the viewer.

15 In yet another embodiment, the guided tour viewer is sent a list containing information about each of the web pages in the guided tour and prompted to receive a viewer's selection of one or more of the web pages. Once a selection of a web page is received from the viewer, the viewer is sent information about the web pages selected by the user.

20 In an additional embodiment, the guided tour builder is prompted to select an expiration date for the guided tour. If an expiration date is received from the guided tour builder, then the expiration date is stored in the database corresponding to the guided tour. Upon receipt of a request for a guided tour from a viewer, the expiration date of the guided tour is compared to the current date. If the expiration date of the guided tour is earlier than the current date, then the viewer's request for a guided tour is denied.

25 In a system for providing electronic guided tours has a first user device coupled to a computer network, a second user device coupled to the computer network, a database coupled to the computer network for storing information about web pages and

1 about the order that the web pages are displayed in a guided  
tour. A server is also coupled to the computer network.  
Additionally, web pages may be resident on a third party content  
5 provider device coupled to the computer network. In an  
embodiment of the present invention, the computer network is the  
Internet.

#### BRIEF DESCRIPTION OF THE DRAWINGS

10 A further understanding and appreciation for the present  
invention will now be had in conjunction with the following  
drawings and detailed description wherein:

FIG. 1 is an overview of a system and method for providing  
guided tours of a web site according to an embodiment of the  
15 present invention;

FIG. 2 is a diagram showing a system for providing guided  
tours of a web site according to an embodiment of the present  
invention;

FIG. 3 is a diagram showing a sequence of events and options  
20 presented to a user authorized to create guided tours according  
to an embodiment of the present invention;

FIG. 4 is a flowchart showing a process of guided tour  
creation according to an embodiment of the present invention;

FIG. 5 is a screen capture showing guided tour creation  
25 controls according to an embodiment of the present invention; and

FIG. 6 is a screen capture showing navigation controls for  
a viewer viewing a guided tour according to an embodiment of the  
present invention.

#### 30 DETAILED DESCRIPTION OF THE INVENTION

A system for creating guided tours of web sites in  
accordance with an embodiment of the present invention is  
illustrated in FIGs. 1 and 2. A sender 10 sends a hotlink to a  
guided tour server 16 to one or more receivers 12, 14. Each  
35 receiver open an Internet browser and points the Internet browser

1 to the guided tour server. The guided tour server 16 provides  
the receiver 12,14 with a guided tour of a web site. The guided  
tour may draw content from one or more other web sites 18. The  
5 sender, receivers, guided tour server, and any other sites used  
in the guided tour communicate through a remote communication  
interface 20. In an embodiment of the present invention, the  
remote communication interface is the Internet.

10 The system of FIG. 2 has multiple user devices 220a-220n  
coupled to a guided tour server 222a-222m through one or remote  
communication interfaces. In the embodiment described, the  
remote communication interface comprises the Internet, although  
in alternative embodiments the remote communication interface  
comprises an Intranet or other computer to computer interface.

15 The Internet has recently been popularized by the rapid  
success of the World Wide Web (WWW or Web). The Web links  
together a variety of computers from around the world and various  
topics in a non-sequential web of associations which permit a  
user to browse from one topic to another, regardless of the  
20 format and order of topics. Users access and browse the Web  
using a web browser that generally resides and is executed on the  
user's computer. Commercially available web browsers such as  
Netscape's Navigator™ and Microsoft Internet Explorer™ are very  
common and accessible by personal computer (PC) users. The web  
25 browser allows a user to retrieve and render hyper-media content  
from the network of computers within the Web, including text,  
sound, video and other types of data. This hyper-media content  
is stored on different web sites.

30 Web sites are locations on server computers that are  
accessible through the Internet. A variety of information, such  
as hyper media contents and databases can be stored on a web site  
and be accessed by users with computers connected to the  
Internet. One of the applications of the Web is its capability  
to link a web site with a database so that users can search for  
35 information. In essence, the web site becomes the user interface

1 (UI) for database applications enabling a user to select search  
criteria and execute searches of a database that resides on a  
remote computer. To serve up pages, web sites need a server (a  
5 host computer) and server software that runs on the Server. The  
host computer manages the communication protocols and houses the  
pages and related software required to create a web site on the  
Internet. Host computers spread throughout the Internet can  
house different web sites.

10 The Internet works based on a client/server model. In this  
model, a client computer communicates with a server computer on  
which information resides and the client computer depends on the  
server to deliver requested information and services. These  
services may involve searching for information and sending it  
15 back to the client, such as when a database on the Web is  
queried. Other examples of these services are delivering web  
pages through a web site, and handling incoming and outgoing e-  
mail. Typically, the client is a PC user using a browser to  
connect to and search the servers. The servers (also known as  
20 hosts) are usually more powerful computers that house the data  
and databases. The client/server model enables the Web to be  
conceived of a limitless file storage medium distributed among  
thousands of host computers, all accessible by any individual PC  
user.

25 The web site and the hosts that make up the World Wide Web  
need to have unique identifiers so that a client computer can  
locate and retrieve information and web pages. For example, the  
unique identifier for a host computer is called IP (Internet  
Protocol) address and the unique identifier for a web site (web  
30 page) is called the URL (Uniform Resource Locator). A URL  
indicates where the host computer is located, the location of the  
web site on the host, and the name of the web page and the file  
type of each document, among other information.

35 Home and small business users connect to the Internet  
through Internet service providers using modems and common

1 telephone or cable networks. Wireless and satellite connections  
are also possible. Larger businesses typically obtain access to  
the Internet through their private computer networks, using  
5 appropriate safeguards to prevent unauthorized access by outside  
parties to a company's private network.

FIG. 2 shows a block diagram of a typical Internet  
client/server environment used by the users and server in one  
embodiment of the present invention. The user devices 220a-220n  
10 used by the users are connected to the Internet 221 through the  
communication links 233a-233n. Optionally, a local network 234  
may serve as the connection between some of the user devices  
220a-220n, such as the user device 220a and the Internet 221.  
Servers 222a-222m are also connected to the Internet 221 through  
15 respective communication links. Servers 222a-222m include  
information and databases accessible by user devices 220a-220n.  
In one embodiment of the present invention, a database for  
storing information about guided tours resides on at least one  
of the servers 222a-222m and is accessible by users using one or  
20 more of the user devices 220a-220n to make and view guided tours.

In one embodiment of the present invention, each of the user  
devices 220a-220n typically includes a central processing unit  
(CPU) 223 for processing and managing data; and a keyboard 224  
and a mouse 225 for inputting data. A main memory 227 such as  
25 a Random Access Memory (RAM), a video memory 228 for storing  
image data, and a mass storage device 231 such as a hard disk for  
storing data and programs are also included in a typical user  
device. Video data from the video memory 228 is displayed on a  
Display screen 230 by a display adapter 229 under the control of  
30 the CPU 223. A communication device 232, such as a modem,  
provides access to the Internet 221. Optionally, one or more  
user devices 220a-220n may be connected to a local network 234.  
An Input/Output (I/O) device 226 reads data from various data  
sources and outputs data to various data destinations.  
35 Optionally, one or more of the user devices 220a-220n may include

1 a printer 237 for printing receipts and a scanner 239 for  
scanning pictures. In alternative embodiments of the present  
invention, the user device may be a personal digital assistant,  
5 a set-top box, a laptop, a cellular phone, and other devices that  
can access a remote communication interface.

Servers (hosts) 222a-222m are also computers and typically  
have architecture similar to the architecture of user devices  
220a-220n. Generally, servers differ from the user devices in  
10 that servers can handle multiple telecommunications connections  
at one time. Usually, servers have more storage and memory  
capabilities, and higher speed processors. Some server (host)  
systems may actually be several computers linked together, with  
each handling incoming web page requests. In one embodiment,  
15 each server 222a-222m has a storage medium 236a-236m, such as a  
hard disk, a CD drive, or a DVD for loading computer software.  
When a software such as the software responsible for executing  
the processes in FIGs. 3 and 4 is loaded on the server 222a, an  
off-the-shelf web management software or load balancing software  
20 may distribute the different modules of the software to different  
servers 222a-222m. Therefore, in one embodiment, the computer  
program responsible for executing the present invention resides  
on one or more servers. Databases to carry out the processes of  
FIGs. 3 and 4 can be created, maintained and edited in many  
25 different types of database software including Access, FoxPro,  
and Oracle. In one embodiment of the present invention the  
database software is SQL Server 7.

An exemplary web site location 235 is shown on server 222a  
in FIG. 2. The web site 235 is the UI for accessing the database  
30 described below. The web site 235 has a unique address that is  
used by the users to access server 222a (in this example) and the  
web site location on the server 222a. The computer software for  
executing the processes of the present invention may also reside  
on the web site 235.



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As shown in FIG. 3, a user directs their Internet browser to the guided tour server and requests content. The guided tour server sends a login screen 30 to the user. In an embodiment of the present invention, the user is prompted to enter a username and password for authentication or to open a new account. If the user enters a username and password, the user is taken to a main menu 32 where they are prompted to select an option. In an embodiment, the user is prompted to create a new guided tour 34, to edit an existing guided tour 36, to view a guided tour 38, or to log out of the guided tour server.

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If the user elects to open a new account, the user is prompted to enter a user name and password. In an additional embodiment, the user is prompted to enter additional information such as an e-mail address and their name for tracking purposes. Once the user has entered this information, the user is forwarded to the main menu 30.

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As shown in FIG. 4, if the user elects to create a new guided tour 50, the user is prompted to add on to an existing guided tour or start a completely new guided tour 52. If the user elects to begin a completely new guided tour, then the guided tour server provides the user with a new frame or window with a set of guided tour creation controls. In an additional embodiment, the guided tour creation controls are selected from menus at the top of the screen to avoid limiting the screen area available for web page viewing by the user recording the guided tour. In an embodiment, shown in FIG. 5, the guided tour creation controls include a start button 41, a record button 42 and a stop button 43. In an additional embodiment, the guided tour creation controls also include an audio on button 44, an audio off button 45, a timer start button 46 and a timer stop button 47.

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If the user elects to add on to a previously created guided tour, then the user is displayed a list of previously created guided tours available to the user 54. In an embodiment, the

1 user can add on to a guided tour created by another user.  
Alternatively, the user can only add on to guided tours that they  
have created. Once the guided tour server receives a selection  
5 56 of a guided tour from the displayed list, the guided tour  
server provides the user with a new frame or window with a set  
of additional controls as described above.

The user uses the controls to select web sites for a guided  
tour 58. As the user navigates a particular web site or a group  
10 of web sites on the Internet, the user presses the record button  
whenever they want to add a particular screen to the guided tour.  
The user continues to navigate through the Internet, until they  
have added all of the web pages they desire to add, and then the  
user presses the stop button. This allows the user to navigate  
15 to a specific page without recording all of the pages in between,  
and only add the specified page to the guided tour.

Whenever a user presses the record button, the guided tour  
frame grabs information from the window in which the user is  
viewing the web page that the user wants to record. The  
20 information grabbed from the window includes the hyperlink  
address of the web page as well as any additional navigation  
information, such as special characters that must be submitted  
for active web pages to be generated, and saves the information  
into a database. The web page is also assigned a sequential  
25 number so that the web pages are displayed in the order that they  
were recorded. In an additional embodiment of the present  
invention, the guided tour server also stores the amount of time  
that the user spends on the page.

In an additional embodiment, at a preselected time interval  
30 or upon the occurrence of a respecified event, such as the  
alteration of a web page selected for the guided tour, a  
verification tool checks each of the hyperlink addresses of the  
web pages in the guided tour to ensure that the hyperlinks are  
valid. If a hyperlink is no longer valid because the location  
35 of the web page has moved or the information to retrieve the

1 selected web page has changed, then the user is notified. If the  
location of the web page has moved and the new location is known,  
then the verification tool updates the web page information  
5 stored in the database to reflect the new address of the web  
page.

In another embodiment, the verification tool works from the  
web site administrator point of view, so that if a web site  
administrator changes a page on the web site, the verification  
10 tool looks to see if that web page is referenced in any guided  
tours. If the web page is referenced in a guided tour, then the  
verification tool updates the web page information stored in the  
database. If the web page was substantially altered or deleted  
by the web site administrator, then the verification tool  
15 notifies the user who created the guided tour of the change.

In an embodiment, the actual web page viewed by the user is  
copied in its entirety, stored on the guided tour server, and  
indexed in a database for retrieval. This embodiment is  
beneficial because it prevents changes in the web sites being  
20 shown in the guided tour from affecting the guided tour. In an  
alternative embodiment, the guided tour server uses the web page  
address saved in the database to access the web page at the time  
the guided tour is viewed. This embodiment is beneficial for  
situations where web pages change often, and the builder of the  
25 guided tour wants a viewer to see the most recently updated page.

In an additional embodiment, once the user presses the  
record button, every keystroke entered by a user and the  
navigation information for any web sites viewed by the user until  
the user presses the stop button are sent from the user device  
30 to the guided tour server where they are saved. This allows the  
user to disregard the recording process and concentrate on  
navigating through one or more sites as they normally would. As  
explained below, the user is later prompted to edit the guided  
tour, at which time they can remove unwanted web pages. Each web  
35 page saved by the user is entered into a database, with a

1 sequential indicator, along with any keystrokes entered by the user while the user is viewing the web page.

5 Once the user has recorded a guided tour, the user is prompted to edit the guided tour 60. In an embodiment, each web page is displayed as a thumbnail, and the user can move thumbnails to change the order of display in the tour. When a user graphically rearranges the order, the web pages are reordered in the database to reflect the new order. In an  
10 embodiment, the default order is the order in which the pages were recorded. In an additional embodiment, the user building the guided tour can cut, copy, insert before, and insert after web pages to create the desired chronology. In an additional  
15 embodiment, sequencing is performed by highlighting the selected page and using forward and backward buttons to position the selected pages at a different location.

In an embodiment, the user is prompted to enter the amount of time that a given screen is to be displayed for a user. In an alternative embodiment, the user is prompted to record an  
20 audio track that is to be played as one or more web pages in the guided tour are displayed. The user is also prompted to delete one or more web pages and to record additional web pages for insertion into the guided tour.

The user can add annotations to each web page displayed in  
25 the guided tour. In particular, the guided tour maker can add text, audio, video, graphics, and hotlinks to a particular web page being displayed. In an embodiment, the user appends the annotations to the web page during the editing process. Each annotation is stored in a database in such a way that the guided  
30 tour server can reconstruct the annotation as the server software builds the web pages during the guided tour. For example, if the annotation is a phrase displayed at a particular location on the screen, the location of the phrase is saved along with the phrase, so that the server can regenerate the annotation in the  
35 proper location on the screen.

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When a user presses the audio start button, the system saves the web page that the viewer is viewing. The audio start button also opens up audio recording software resident on the user's machine. The audio recording software records any sound until the stop audio recording button is pressed. Once the stop audio recording button is pressed, the audio recording software is instructed to end the recording, and save the recording to a file in a temporary directory. In an embodiment of the present invention, the name assigned to the recorded audio file is related to the name of the web page which is being viewed at the time that the audio file is being recorded. After the file is saved into a temporary directory, the file is uploaded to the guided tour server. The audio file is linked to a particular web page in the guided tour in the database. When the particular web page is viewed, the corresponding audio file is played. Any timing specified for web page viewing will be modified to correspond to at least the length of the corresponding audio file.

In an embodiment, the guided tour can be set up to be viewed automatically without requiring the user to click on any button. The user is provided with a means to input the length of time for each page to be displayed, either a constant time for all pages, or a different time for each page. Where the builder of the guided tour has selected durations for each web age display, the guided tour server initiates a timer as each web page of the guided tour is sent to the viewer. When the time elapsed equals the time specified by the user and saved in the database for the web page to be displayed, the guided tour server pushes the next web page in the guided tour to the viewer's Internet browser.

After a particular guided tour has been created, the user may protect the guided tour with a name and password function so that the guided tour cannot be viewed by anyone not authorized by the creator of the guided tour. Additionally, the creator or an authorized agent of the creator can add an expiration to the

1 guided tour, so that the guided tour will not be viewable after  
a particular date and time. If the guided tour is password  
protected, an appropriate username and password can be mailed to  
5 a user along with the address of the guided tour server. In a  
embodiment, the username and password is embedded in the guided  
tour link sent to the receiver.

In an exemplary embodiment, guided tours can be created by  
web masters or web site visitors. Pre-formed guided tours can  
10 be assembled and displayed for visitors to a web site to view.  
For example, on a travel web site that has photographs of San  
Francisco, a user may create a guided tour of Golden Gate Park,  
showing various plants of the park, based upon a subset of the  
collection of web pages available on the web site. Another user  
15 may create a guided tour of Fisherman's Wharf using a subset of  
the web pages available on the web site. A new user to the web  
site, may click on either guided tours or view the site  
themselves and possibly create their own.

In an additional embodiment, a travel agent may create a  
20 guided tour of a specific city or country ,using a multitude of  
third party web sites, based upon the travel agent's  
understanding of the desires of a client. The travel agent  
stores the guided tour on the guided tour server and forwards to  
the client the address of the guided tour on the guided tour  
25 server. The client may then direct their Internet browser to the  
guided tour link in the e-mail from the travel agent and view the  
guided tour.

In another possible application of the invention, a  
salesperson may create a guided tour of a product and send the  
30 guided tour to a potential buyer. For example, in the area of  
real estate, the agent can create a guided tour including web  
pages containing pictures of a house, local school web pages,  
local chamber of commerce pages, interest rate tables, etc., so  
that a potential home buyer can be provided with a large quantity  
35 of relevant information quickly.

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If a user elects to edit an existing guided tour from the main menu, then the user is presented with a list of previously built guided tours. The user is prompted to select a guided tour to edit. Once the user selects a guided tour to edit, the user is prompted to edit the attributes of the guided tour as described above.

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If a user elects to view a guided tour, then the user is presented with a list of previously built guided tours. The user is prompted to select a guided tour for viewing. Once the viewer selects a guided tour, the user is presented with the same options as a viewer who was sent a link to the guided tour as described below.

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In an addition embodiment, instead of the guided tour advancing automatically based on a timer or based upon the length of an annotation, the person viewing the guided tour is presented with a frame or window containing navigation buttons. In an alternative embodiment, the navigation controls are found in a pull down menu. In yet another alternative embodiment, the navigation controls are the arrow keys on a keyboard to allow the maximum possible screen area for viewing of the guided tour. In a preferred embodiment, shown in FIG. 6, the user is presented with navigation controls allowing them to go forward 70, backward 72, to turn the audio on 73 and to turn the audio off 74.

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When the user selects the go forward control 70, the user is shown the web page that is next in the sequence of the guided tour, as defined by the creator of the guided tour. In an embodiment, when the user presses the forward control, a request is sent to the guided tour server for information about the next web page in the guided tour. The guided tour server accesses the database containing the guided tour information, retrieves information about the next web page in the guided tour and transmits the information about the next web page in the guided tour to the user. When the user selects the go backward control,

1 the user is returned to the web page viewed previously. The user can continue to go forward or backward as they please.

5 In yet another embodiment, when the user presses the forward control, the user is shown the path that the guided tour builder took to get from the current screen to the next screen. The hotlink pressed by the guided tour builder may be saved as an annotation. Alternatively, the guided tour server may reconstruct the path from the current web page to the next web  
10 page in the guided tour by reviewing all of the hotlinks in the current page and determining if any lead to the next page in the guided tour.

15 In an embodiment of the present invention, the hotlinks resident on the pages viewed in the guided tour are disabled. In an alternative embodiment, the hotlinks found in the web pages of the guided tour are active, and the user can select any link they want. The user may then freely navigate, until they are ready to continue the guided tour. When the user is ready to continue the guided tour, the user selects the go forward control and then is provided with the next web page in the guided tour  
20 as selected by the creator of the guided tour.

25 In another embodiment, the user is presented with a control that allows them to see an index of the pages in the tour. When the user elects to see an index of the web pages in the guided tour, the guided tour server, creates an index based on the web pages saved in the database. The index can include all pages in the tour, or can include selected pages. This way, the viewer of the guided tour can jump to the portion that interests the viewer the most. This index can be presented as thumbnails or  
30 as titles of the pages.

35 In another embodiment, a user can build a guided tour based upon another already created guided tour. The new guided tour can simply reference the previous one by linking to it. Alternatively, the new guided tour can contain as its own web pages, the web pages selected in another guided tour.



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Although a user is provided with controls for advancing the guided tour, the guided tour can be configured to run automatically, as in a slide show, without the user clicking on any controls. The guided tour can be configured to push the next web page to the viewer based upon a preselected time interval. Alternatively, the time interval can be established by the length of an annotation, such as an audio file, specified for a given web page, with the guided tour server forwarding the next web page to a viewer at the conclusion of the annotation.

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In an embodiment, the guided tour is not restricted to one web site, but rather can travel to many different web sites. This is possible, because during the building of the guided tour, either the address of the third party web site or the pages viewed on the third party web site themselves are saved in a database. Therefore, at the time the viewer is viewing the guided tour, the third party web pages are accessible.

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A link to the guided tour can be e-mailed to a potential viewer. Alternatively, an executable program such as an EXE file can be e-mailed to a potential viewer. This executable program accesses the Internet and caches the web pages in the guided tour for viewing. The executable can be sent, for example, as an attachment to an e-mail, on a floppy disc, or on a business card readable by a compact disk drive.

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In an additional embodiment, a desktop application is created that communicates with the guided tour server site to determine what guided tours are available to a user. Once the desktop application has obtained information about the guided tours available, the desktop application displays the guided tours for a user to choose. In an alternative embodiment, instead of a desktop application, the user is provided with a web browser plug-in that communicates with the guided tour server.

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In an additional embodiment, advertisements are appended to guided tours as annotations. In an embodiment, the advertisement information and any relevant formatting information is stored in

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a database corresponding to the web page with which the advertisement is correlated. In an additional embodiment, the Internet address for the advertisement is also stored so that a user can click on the advertisement during the guided tour and direct their Internet browser to a specific web site. Additionally, a link may be displayed during the guided tour to direct a viewer's Internet browser to the guided tour builder's web page.

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The preceding description has been presented with reference to the presently preferred embodiments of the invention shown in the drawings. Workers skilled in the art and technology to which this invention pertains will appreciate that alterations and changes in the described structures can be practiced without departing from the spirit, principles and scope of this invention.

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Accordingly, the foregoing description should not be read as pertaining only to the precise structure described, but rather should be read consistent with, and as support for the following claims.

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